

I hereby certify that on June 15, 2006, which is the date I am signing this certificate, I am electronically transmitting this correspondence and all identified attachments to Mail Stop PCT Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

/Harry Lee/

Harry Lee

Applicant: **ENDO, Yaeta et al.**
Serial No.: **N/A (PCT/JP2004/018928)**
Filed: **Herewith**
Confirmation No.: **N/A**
Title: **HIGHLY FUNCTIONALIZED CELL
EXTRACT FOR CELL-FREE PROTEIN
SYNTHESIS AND METHOD FOR
PREPARING THE SAME**
Examiner: **N/A**
Art Unit: **N/A**
Attorney Docket No.: **20080-00002**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

English Language Non-patent Documents:

KAWARASAKI et al., "PHOSPHATASE-IMMUNODEPLETED CELL-FREE PROTEIN SYNTHESIS SYSTEM," Journal of Biotechnology 61: 199-208 (1998)
KANG et al., "AN EFFICIENT CELL-FREE PROTEIN SYNTHESIS SYSTEM USING PERIPLASMIC PHOSPHATASE-REMOVED S30 EXTRACT," Journal of Microbiological Methods 43: 91-96 (2000)
MADIN et al., "A HIGHLY EFFICIENT AND ROBUST CELL-FREE PROTEIN SYNTHESIS SYSTEM PREPARED FROM WHEAT EMBRYOS: PLANTS APPARENTLY CONTAIN A SUICIDE SYSTEM DIRECTED AT RIBOSOMES," PNAS 97(2): 559-564 (2000)

Foreign Language Patent Document:

JP 2000-236896A (Sept. 5, 2000) with English Abstract

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

Also submitted herewith is a copy of the International Search Report from International Application No. PCT/JP2004/018928. Please note that all of the above-listed references have been cited in the International Search Report dated March 1, 2005.

The Commissioner is hereby authorized to charge JHK Law's Deposit Account No. **502486** for such fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. **502486**.

Respectfully submitted,

June 15, 2006
Date

/Joseph Hyosuk Kim/

Joseph Hyosuk Kim, Ph.D.
Reg. No. 41,425
Attorney for Applicants

JHK Law
P.O. Box 1078
La Canada, CA 91012-1078
Telephone: (818) 249-8177
Facsimile: (818) 249-8277

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

Sheet	1
-------	---

of	1
----	---

Application Number	N/A (PCT/JP2004/018928)
Filing Date	Herewith
First Named Inventor	ENDO, Yaeta
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	20080-00002

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^o
		Country Code ³ *Number ⁴ *Kind Code ⁵ (<i># known</i>)	MM-DD-YYYY			
	B1	JP 2000-236896A	09-05-2000	Mitsubishi Chemical, Inc.	whole document	

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	N/A (PCT/JP2004/018928)
Filing Date	Herewith
First Named Inventor	ENDO, Yaeta
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	20080-00002

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	KAWARASAKI et al., "PHOSPHATASE-IMMUNODEPLETED CELL-FREE PROTEIN SYNTHESIS SYSTEM," Journal of Biotechnology 61: 199-208 (1998)	
	C2	KANG et al., "AN EFFICIENT CELL-FREE PROTEIN SYNTHESIS SYSTEM USING PERIPLASMIC PHOSPHATASE-REMOVED S30 EXTRACT," Journal of Microbiological Methods 43: 91-96 (2000)	
	C3	MADIN et al., "A HIGHLY EFFICIENT AND ROBUST CELL-FREE PROTEIN SYNTHESIS SYSTEM PREPARED FROM WHEAT EMBRYOS: PLANTS APPARENTLY CONTAIN A SUICIDE SYSTEM DIRECTED AT RIBOSOMES," PNAS 97(2): 559-564 (2000)	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.